Toxicology Letters, 43 (1988) 381–382
Elsevier

AUTHOR INDEX VOL. 43 (1988)

Andersen, M.E.
Introduction, (43) 3
Andersen, M.E., see Conolly, R.B., (43) 189
Andersen, M.E., see Gargas, M.L., (43) 235
Andersen, M.E., see Reitz, R.H., (43) 97
Andersen, M.E., see Shelley, M.L., (43) 23

Brown, W.D., see Dick, R.B., (43) 31

Clewell, III, H.J., see Conolly, R.B., (43) 189
Cohen, S.M. and Ellwein, L.B.
Cell growth dynamics in long-term bladder carcinogenesis, (43) 151
Conolly, R.B., Reitz, R.H., Clewell, III, H.J. and Andersen, M.E.
Pharmacokinetics, biochemical mechanism and mutation accumulation: a comprehensive model of chemical carcinogenesis, (43) 189

Dedrick, R.L., see Farris, F.F., (43) 117
Dick, R.B., Brown, W.D., Setzer, J.V., Taylor, B.J. and Shukla, R.
Effects of short duration exposure to acetone and methyl ethyl ketone, (43) 31
Dunn, III, W.J.
QSAR approaches to predicting toxicity, (43) 277

Easterling, R.E., see Zucker, R.M., (43) 201
Ellwein, L.B., see Cohen, S.M., (43) 151
Elstein, K.H., see Zucker, R.M., (43) 201
Evans, H.L.
Quantitation of naturalistic behaviors, (43) 345

Farris, F.F., Dedrick, R.L. and King, F.G.
Cisplatin pharmacokinetics: applications of a physiological model, (43) 117
Fisher, J.W., see Shelley, M.L., (43) 23
Forman, S.A.
A review of propylene glycol dinitrate toxicology and epidemiology, (43) 51

Gargas, M.L., Seybold, P.G. and Andersen, M.E.
Modelling the tissue solubilities and metabolic rate constant (V_{max}) of halogenated methanes, ethanes, and ethylenes, (43) 235
Guengerich, F.P., see Reitz, R.H., (43) 97

Hale, M.L., see McCarthy, K.F., (43) 219

Johanson, G.
Aspects of biological monitoring of exposure to glycol ethers, (43) 5

King, F.G., see Farris, F.F., (43) 117

Lenz, D.E., see Maxwell, D.M., (43) 175

Massaro, E.J., see Zucker, R.M., (43) 201
Maurissen, J.P.J.
Quantitative sensory assessment in toxicology and occupational medicine: applications, theory, and critical appraisal, (43) 321
Maxwell, D.M., Vlahacos, C.P. and Lenz, D.E.
A pharmacodynamic model for soman in the rat, (43) 175
McCarthy, K.F. and Hale, M.L.
Flow cytometry techniques in radiation biology, (43) 219
Mendrala, A.L., see Reitz, R.H., (43) 97
Menzel, D.B.
Planning and using PB-PK models: an integrated inhalation and distribution model for nickel, (43) 67
Moolgavkar, S.H.
Biologically motivated two-stage model for cancer risk assessment, (43) 139

Newland, M.C.
Quantification of motor function in toxicology, (43) 295

O'Flaherty, E.J.
A physiologically based model of skeletal growth in the rat, (43) 85

Park, C.N., see Reitz, R.H., (43) 97
Politzer, P.
Computational approaches to the identification of suspect toxic molecules, (43) 257

Reitz, R.H., Mendrala, A.L., Park, C.N., Andersen, M.E. and Guengerich, F.P.
Incorporation of in vitro enzyme data into the physiologically-based pharmacokinetic (PB-PK) model for methylene chloride: implications for risk assessment, (43) 97
Reitz, R.H., see Conolly, R.B., (43) 189

Rice, D.C.
Quantification of operant behavior, (43) 361

Setzer, J.V., see Dick, R.B., (43) 31
Seybold, P.G., see Gargas, M.L., (43) 235
Shelley, M.L., Andersen, M.E. and Fisher, J.W.
An inhalation distribution model for the lactating mother and nursing child, (43) 23
Shukla, R., see Dick, R.B., (43) 31

Taylor, B.J., see Dick, R.B., (43) 31

Vlahacos, C.P., see Maxwell, D.M., (43) 175

Weiss, B.
Quantitative perspectives on behavioral toxicology, (43) 285

Zucker, R.M., Elstein, K.H., Easterling, R.E. and Massaro, E.J.
Flow cytometric analysis of the cellular toxicity of tributyltin, (43) 201

Toxicology Letters, 43 (1988) 382–383
Elsevier

SUBJECT INDEX VOL. 43 (1988)

Ab initio computations, 257
Acetone, 31
Acetylcholinesterase inhibition, 175
Active vs. inactive, 277
Animal behavior, 345

Behavior, 285
Behavioral toxicology, 361
Biochemical measurement, 31
Biological models, 151
Blood flow rate, 85
Bone-seeking elements, 85

Calcium, 85
Cancer, 67
Cancer modeling, 189
Carcinogenesis, 139, 151
Cellosolve, 5
Chemical carcinogenesis, 189
Cisplatin, 117
Classification, 277
Computer-assisted toxicity prediction, 277
Computer model, 23
Computer simulation, 189

cis-Diamminedichloroplatinum(II) (DDP), 117
Dibenzo-*p*-dioxins, 257
Diffuse exchange, 85
Diurnal rhythms, 345

Electrostatic potential, 257
Ethanol, 295

Experimental design, 67
Explosives toxicology, 51
Extrapolation modeling, 67

Flow cytometry, 201, 219
Forced-choice paradigm, 321

Halogenated epoxides, 257
Halogenated olefins, 257
Hematopoietic stem cells, 219
Human exposure, 31
Humans, 295

Initiation, 139, 189
Intermittent schedules of reinforcement, 361

Lactation, 23
Light scatter, 201

Marrow, 85
Membrane, 201
Metabolism, 5
Methyl ethyl ketone, 31
Methylene chloride, 97
Modeling, 235
Motor function, 295
Multistage models, 139

Neurobehavioral testing, 31
Neurotoxicity, 345
Neurotoxicology, 295
Nickel, 67

Occupational exposure, 5
Operant conditioning, 361
Organophosphorus agent, 175
Oxotremorine, 295

Partition coefficient, 5
Pattern recognition, 277
Percutaneous absorption, 5
PEST, 321
Pharmacodynamic model, 175
Pharmacokinetics, 97, 117
Physiological model, 117
Physiological pharmacokinetics, 175
Physiologically based pharmacokinetic models, 67
Physiologically based pharmacokinetics, 23, 85, 97
Physiologically based toxicokinetics, 23
Primates, 295
Promotion, 139, 189
Propylene glycol dinitrate, 51
Psychophysics, 321

QSAR, 277
Quantitative structure-property relations, 235

Radiation, 219
Rating paradigm, 321
Rearing, 345
Respiratory uptake, 5
Response paradigm, 321
Risk assessment, 23, 97, 151
Risk estimation, 67
Running, 345

Saccharin, 151
Signal detection theory, 321
Spectral analysis, 295
Statistical analysis, 285
Surface exchange, 85

Threshold, 321
Tissue solubilities, 235
Toxicity, 5
Toxicokinetics, 5
Transport, 23
Tremor, 295
Tributyltin, 201

Up–down rule, 321
Up–down transformed rule, 321
Urinary bladder, 151

Volatile organics, 23

Yes-no paradigm, 321

Zero toxicity, 285